

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116 - EXPEDITED PROCEDURE

Serial Number: 10/659,691

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Title: CARBON MONOXIDE DETECTOR

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Dkt: 1260.006US2

IN THE CLAIMS

Please amend the claims as follows.

- 1-17. (Cancelled)
18. (Currently Amended) A device for monitoring carbon monoxide levels in air, wherein the device includes a sensor element having a film or layer comprising $\text{Ni}_x\text{Co}_{1-x}\text{O}_y$, where x is from 0.1 to 0.9 and y is 4x; wherein when carbon monoxide is detected, the resistance of the sensor element increases and the current through the sensor element decreases; and the device triggers an alarm or warning when the current decreases below a predetermined level.
19. (Cancelled)
20. (Original) The device of claim 18 wherein x is from 0.2 to 0.5 and y is from 0.8 to 2.0.
21. (Original) The device of claim 20 wherein the sensor element comprises NiCo_2O_4 .
22. (Original) The device of claim 20 wherein the sensor element consists essentially of NiCo_2O_4 .
23. (Original) The device of claim 18 wherein the sensor element includes a substrate comprising a film or layer of $\text{Ni}_x\text{Co}_{1-x}\text{O}_y$ and electrodes attached to the film or layer.